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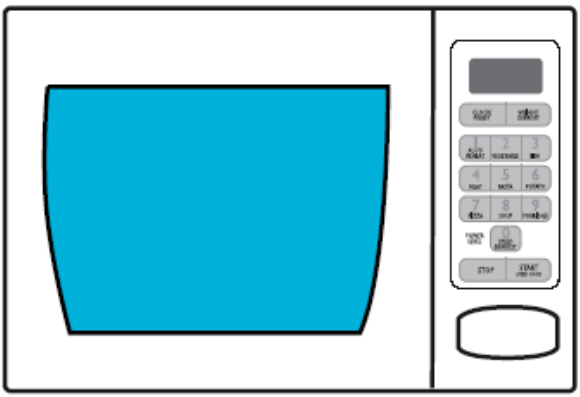


Microwave Oven

INSTRUCTION MANUAL

MODEL: EM-S1577W

Read these instructions carefully before using your microwave oven. And keep it carefully for future reference.
If you follow the instructions, your oven will provide you with many years of good service.

SAVE THESE INSTRUCTIONS FOR FUTURE USE

PRECAUTIONS TO AVOID POSSIBLE EXPOSURE TO EXCESSIVE MICROWAVE ENERGY

(a) Do not attempt to operate this oven with the door open since this can result in harmful exposure to microwave energy.It is important not to break or tamper with the safety interlocks.

(b) Do not place any object between the oven front face and the door or allow soil or cleaner residue to accumulate on sealing surfaces.

(c) Do not operate the oven if it is damaged. It is particularly important that the oven door closes properly and that there is no damage to the:

(1) DOOR(dent)

(2) HINGES AND LATCHES(broken or loosened)

(3) DOOR SEALS AND SEALING SURFACE

(d) The oven should not be adjusted or repaired by anyone except properly qualified service personnel.

SPECIFICATIONS

Model:	EM-S1577W
Power Source:	240V~ 50Hz 2450MHz
Power Consumption:	1150 W
Maximum Output:	700 W
Oven Capacity:	17 Litres
Turntable Diameter:	∅ 245 mm
External Dimensions (LxWxH):	461mmX357mmX280mm
Net Weight:	Approx. 11.4 Kg

IMPORTANT SAFETY INSTRUCTIONS
READ CAREFULLY AND KEEP FOR FUTURE REFERENCE

1) WARNING: when the appliance is operated in the combination mode, children should only use the oven under adult supervision due to the temperatures generated;

2) **WARNING: if the door or door seals are damaged, the oven must not be operated until it has been repaired by a competent person;**

3) **WARNING: it is hazardous for anyone other than a competent person to carry out any service or repair operation that involves the removal of a cover which gives protection against exposure to microwave energy;**

4) **WARNING: liquids and other foods must not be heated in sealed containers since they are liable to explode**

5) **WARNING: This appliance is not intended for used by young children or infirm persons unless they have been adequately supervised by a responsible person or ensure that they can use the appliance safely. Young children should be supervised to ensure that they do not play with the appliance .**

6) the minimum height of free space necessary above the top surface of the oven

7) **only use utensils that are suitable for use in microwave ovens**

8) **when heating food in plastic or paper containers, keep an eye on the oven due to the possibility of ignition;**

9) **if smoke is observed, switch of or unplug the appliance and keep the door closed in order to stifle any flames;**

10) **microwave heating of beverages can result in delayed eruptive boiling, therefore care must be taken when handling the container;**

11) **the contents of feeding bottles and baby food jars shall be stirred or shaken and the temperature checked before consumption, in order to avoid burns;**

12) **eggs in their shell and whole hard-boiled eggs should not be heated in microwave ovens since they may explode, even after microwave heating has ended;**

13) details for cleaning door seals, cavities and adjacent parts;

14) **the oven should be cleaned regularly and any food deposits removed;**

15) **failure to maintain the oven in a clean condition could lead to deterioration of the surface that could adversely affect the life of the appliance and possibly result in a hazardous situation;**

16) if the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

SAFETY

1. The oven must be on a leveled surface.
2. The turntable and turntable roller rest must be in the oven during cooking**.** Place the cookware gently on the turntable and handle it carefully to avoid possible breakage.
3. Incorrect use of browning dish may cause the turntable to break.
4. Use only the specified bag size when using Direct Access Popcorn.
5. The oven has several built-in safety switches to ensure that the power remains off when the door is open. Do not tamper with these switches.
6. Do not operate the microwave oven empty. Operating the oven with no food or food that is extremely low in moisture can cause fire, charring or sparking.
7. Do not cook bacon directly on the turntable. Excessive local heating of the turntable may cause the turntable to break.
8. **Do not heat baby bottles or baby food in the microwave oven. Uneven heating may occur and could cause physical injury.**
9. **Do not heat narrow-necked containers, such as syrup bottles.**
10. Do not attempt to deep-fry in your microwave oven.
11. Do not attempt home canning in this microwave oven as it is impossible to be sure all contents of the jar have reached boiling temperature.
12. Do not use this microwave oven for commercial purpose. This microwave oven is made for household use only.
13. To prevent delayed eruptive boiling of hot liquids and beverages or scalding yourself, stir liquid before placing the container in the oven and again halfway through cooking time. Let stand in the oven for a short time and stir again before removing the container.
14. Please do notice the food in the microwave oven to avoid burning due to excessive cooking when cooking food in it.
15. When the appliance is operated in the combination mode, children should only use the oven under adult supervision due to the temperatures generated.
16. Failure to maintain the oven in a clean condition could lead to deterioration of the surface that could adversely affect the life of the appliance and possibly result in a hazardous situation.

Important Safety Instructions

WARNING— To reduce the risk of fire, electric shock, injury to persons, or exposure to excessive microwave oven energy when using your appliance, follow these basic precautions :

1. Read all instructions before using the appliance.
2. Read and follow the specific:**" PRECAUTIONS TO AVOID POSSIBLE EXPOSURE TO EXCESSIVE MICROWAVE ENERGY".**
3. As with most cooking appliances,close supervision is necessary to reduce the risk of a fire in the oven cavity.

If a fire should start:

1. Keep the oven door closed
2. Turn the oven off, and unplug the appliance.
3. Disconnect the power at the fuse or circuit breaker panel.

Keep in mind the following rules at all times:

1. Do not overcook food. Carefully attend the appliance if paper,plastic,or other combustible materials are placed inside the oven to facilitate cooking.

2. Do not use the oven cavity for storage purposes. Do not store combustible items such as bread, cookies, paper products, etc. inside the oven. If lightning strikes the power line, the oven may turn on by itself.

3. Remove wire twist-ties and metal handles from paper or plastic containers/bags before placing them in the oven.

4. This oven must be grounded. Connect only to properly grounded outlet. See**"GROUNDING INSTRUCTIONS".**

5. Install or locate this oven only in accordance with the installation instructions provided.
6. Some products such as whole eggs, water with oil or fat, sealed containers and closed glass jars may explode and therefore should not be heated in this oven.
7. Use this appliance only for its intended uses as described in the manual. Do not use corrosive chemicals or vapors in this appliance. This oven is specifically designed to heat or cook food. It is not designed for industrial or laboratory use.
8. As with any appliance, close supervision is necessary when used by children.
9. Do not operate this oven if it has a damaged cord or plug, if it is not working properly or if it has been damaged or dropped.
10. **This appliance should be serviced only by qualified service technicians. Contact the nearest authorized service facility for examination,repair or adjustment.**
11. Do not cover or block any vents on the oven.
12. Do not store or use this appliance outdoors.
13. Do not use this oven near water,near a kitchen sink, in a wet basement or near a swimming pool.
14. Do not immerse cord or plug in water.
15. Keep cord away from heated surfaces.
16. Do not let cord hang over edge of table or counter.
17. When cleaning door and oven surfaces use only mild, nonabrasive soaps or detergents applied with a sponge or soft cloth.

SAVE THESE INSTRUCTIONS

Grounding Installation

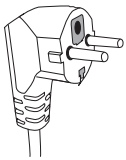
DANGER

Electric Shock Hazard Touching some of the internal components can cause serious personal injury or death.Do not disassemble this appliance.

WARNING

Electric Shock Hazard
Improper use of the grounding can result in electric shock. Do not plug into an outlet until appliance is properly installed and grounded.

Two-round-pin plug



This appliance must be grounded. In the event of an electrical short circuit, grounding reduces the risk of electric shock by providing an escape wire for the electric current. This appliance is equipped with a cord having a grounding wire with a grounding plug. The plug must be plugged into an outlet that is properly installed and grounded.

Consult a qualified electrician or serviceman if the grounding instructions are not completely understood or if doubt exists as to whether the appliance is properly grounded. If it is necessary to use an extension cord , use only a 3 - wire extension cord that has a 2-pronged plug with a grounding slot & 2 grounding plates .A 2-slot receptacle , with a grounding prong or grounding terminal(s), will accept the plug of the appliance.

1. A short power-supply cord is provided to reduce the risks resulting from becoming entangled in or tripping over a longer cord.
2. If a long cord set or extension cord is used: 1)The marked electrical rating of the cord set or extension cord should be at least as great as the electrical rating of the appliance. 2)The extension cord must be a grounding-type 3-wire cord, and 3)The long cord should be arranged so that it will not drape over the counter top or tabletop where it can be pulled on by children or tripped over unintentionally.

Utensils

CAUTION

Personal Injury Hazard
Tightly-closed containers could explode. Closed containers should be opened and plastic pouches pierced before cooking.

See next page for further instructions “Materials you can use in microwave oven or to be avoided in microwave oven.”There may be certain nonmetallic utensils that are not safe to use for microwaving. If in doubt, you can test the utensil in question following the procedure below.

Utensil Test:

1. Fill a microwave-safe container with 1 cup of cold water (250ml) along with the utensil in question.
2. Cook on **maximum** power for 1 minute.
3. Carefully feel the utensil. If the utensil is warm, do not use it for microwave cooking.
4. Do not exceed 1 minute cooking time.

Materials you can use in microwave oven

Utensils	Remarks
Aluminum foil	Shielding only. Small smooth pieces can be used to cover thin parts of meat or poultry to prevent overcooking. **Arcing can occur if foil is too close to oven walls.** The foil should be at least 1 inch (2.5cm) away from oven walls.
Browning dish	Follow manufacturer's instructions. The bottom of browning dish must be at least 3/16 inch (5mm) above the turntable.Incorrect usage may cause the turntable to break.
Dinnerware	Microwave-safe only. Follow manufacturer's instructions. Do not use cracked or chipped dishes.
Glass jars	Always remove lid. Use only to heat food until just warm. Most glass jars are not heat resistant and may break.
Glassware	Heat-resistant oven glassware only. Make sure there is no metallic trim. Do not use cracked or chipped dishes.
Oven cooking bags	Follow manufacturer's instructions. Do not close with metal tie. Make slits to allow steam to escape.
Paper plates and cups	Use for short –term cooking/warming only. Do not leave oven unattended while cooking.
Paper towels	Use to cover food for reheating and absorbing fat. Use with supervision and only for short-term cooking.
Parchment paper	Use as a cover to prevent splattering or a wrap for steaming.
Plastic	Microwave-safe only. Follow the manufacturer's instructions.Should be labeled "Microwave Safe". Some plastic containers soften as the food inside gets hot. "Boiling bags" and tightly closed plastic bags should be slit, pierced or vented as directed by package.
Plastic wrap	Microwave-safe only. Use to cover food during cooking to retain moisture. Do not allow plastic wrap to touch food.
Thermometers	Microwave-safe only (meat and candy thermometers).
Wax paper	Use as a cover to prevent splattering and retain moisture.

Materials to be avoided in microwave oven

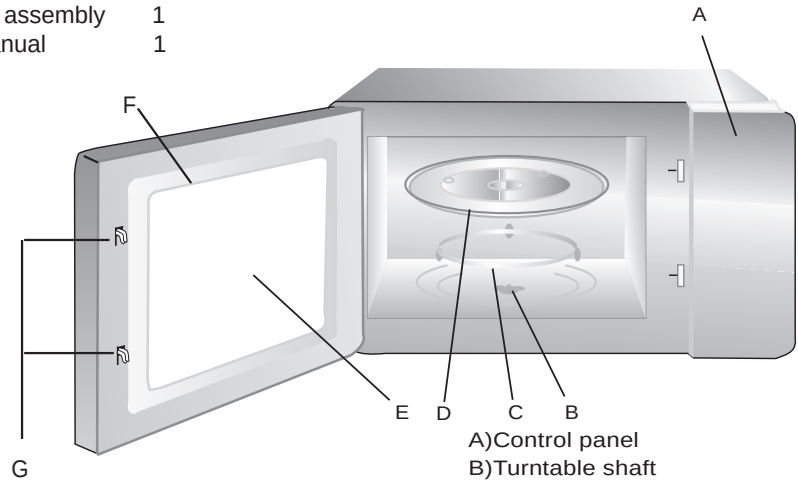
Utensils	Remarks
Aluminum tray	May cause arcing. Transfer food into microwave-safe dish.
Food carton with metal handle	May cause arcing. Transfer food into microwave-safe dish.
Metal or metal-trimmed utensils	Metal shields the food from microwave energy. Metal trim may cause arcing.
Metal twist ties	May cause arcing and could cause a fire in the oven.
Paper bags	May cause a fire in the oven.
Plastic foam	Plastic foam may melt or contaminate the liquid inside when exposed to high temperature.
Wood	Wood will dry out when used in the microwave oven and may split or crack.

SETTING UP YOUR OVEN

Names of Oven Parts and Accessories

Remove the oven and all materials from the carton.
Your oven comes with the following accessories:

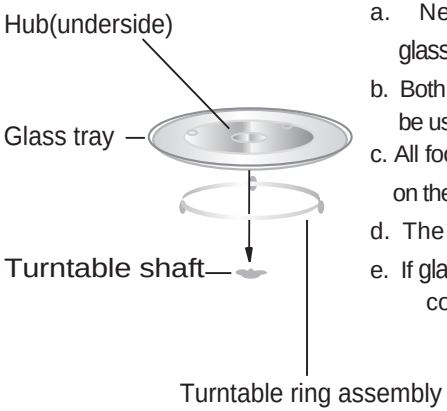
Glass tray	1
Turntable ring assembly	1
Instruction Manual	1



A)Control panel
B)Turntable shaft
C)Turntable ring assembly
D)Glass tray
E)Observation window
F) Door assembly
G)Safety interlock system

Shuts off oven power if door is opened during operation.

TURNTABLE INSTALLATION



a. Never place the glass tray upside down.The glass tray should never be restricted.

b. Both glass tray and turntable ring assembly must always be used during cooking.

c. All food and containers of food should be always placed on the glass tray for cooking.

d. The glass tray rotates clockwise; this is normal.

e. If glass tray or turntable ring assembly cracks or breaks, contact your nearest authorized service centre.

Installation

Remove all packing material and accessories. Examine the oven for any damage such as dents or broken door. Do not install if oven is damaged.

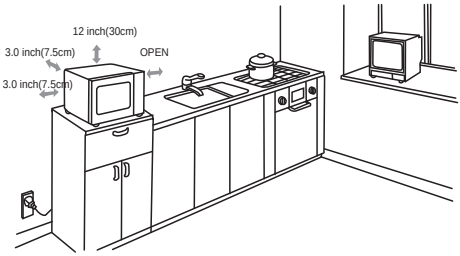
Countertop

Cabinet: Remove any protective film found on the cabinet surface.

Do not remove the light brown Mica cover that is screwed to the oven cavity to protect the magnetron.

Installation

1. Select a level surface that provide enough open space for the intake and/or outlet vents.



A minimum clearance of 3.0 inch (7.5cm) is required between the oven and any adjacent wall.One side must be open.

(1) Leave a minimum clearance of 12 inch(30cm) above the oven.

(2) Do not remove the legs from the bottom of the oven.

(3) Blocking the intake and/or outlet openings can damage the oven.

(4)Place the oven as far away from radios and TV as possible.Operation of microwave oven may cause interference to your radio or TV reception.

2. Plug your oven into a standard household outlet. Be sure the voltage and the frequency is the same as the voltage and the frequency on the rating label.

WARNING: Do not install oven over a range cooktop or other heat-producing appliance. If installed could be damaged and the warranty would be void.

OPERATION

1. Operation and Function

1) Clock Setting

When the microwave oven is plugged into a wall outlet, the LED indication is "0:00". The input time should be within 0:00--23:59;

Example: to set "12:12" .

(1) Press the " **Clock/Pre-Set** " key, the hour figures flash, and the indicator for clock is lighted.

(2) Press the numeral pads of "1","2","1","2" in sequence;

(3) Press " **Clock/Pre-Set** " to finish clock setting;

Note: In the process of clock setting, if " **Stop** " is pressed or if there is no operation within 1 minute, the unit will go back to the previous status automatically.

2) Microwave Cooking

Select different microwave power level and set cooking time as you wish. There are five power levels available for choosing. Refer to Chart 1.The maximum microwave cooking time is 99 minutes and 99 seconds. Keep on pressing "Power Level" to choose the power wished.

Chart 1:

Microwave Power Chart

Press "Power level"	Mcirowave Power	Display	Application
Once	100%		Reheat, boil water, cook vegetable and chicken
Twice	80%		Cook rice, fish and seafood, cookie, meats
Thrice	50%		Cook milk, cake, stew food
4 times	30%		Defrost
5 times	10%		Keep warm, soften ice cream

Example: choose 50% power for cooking 10 minutes

(1) Press " **Power Level** " thrice;

(2) Press the numeral pads of "1" , "0", "0", "0" in consequence;

(3) Press " **Start/Speed Cook** " to start cooking, timing counting down.

3) Speedy Cooking:

When the unit is in waiting state, the press on " **Start/Speed Cook** " can start cooking at 30 seconds with 100% microwave power. Each additional press will increase the cooking time by 30 seconds until the accrued time reaches 2 minutes or less. By then, each press will increase cooking time by 1 minute.

Example: set 3 minutes speedy cooking:

(1) Press " **Start/Speed Cook** " once;

(2) Cooking begins; cooking time begins to countdown.

(3) Press " **Start/Speed Cook** " again for 4 times

4) Defrost by Weight

Example: defrost a beef of 500g:

(1) Press " **Defrost By Weight** ";

(2) Press "5", "0", "0", in sequence;

(3) Press " **Start/Speed Cook** " to start defrosting.

5) Speedy Defrost

Example: defrost a beef of 500g

(1) Press " **Speed Defrost** ";

(2) Press "5" "0" "0" in sequence;

(3) Press " **Start/Speed Cook** " to start defrosting.

Note: Time needed for defrosting under "Speedy Defrost" is less that "Defrost by Weight" for the food with the same weight.

6) Auto Menu Cooking

The numeral pads 1–9 is matching with nine different subjects respectively;

Pad	Display	Cook	Pad	Display	Cook	Pad	Display	Cook
1		Auto Reheat	4		Meat	7		Pizza
2		Vegetable	5		Pasta	8		Soup
3		Fish	6		Potato	9		Porridge

Refer to chart 2 for the automatic menu procedure:
Chart 2:

Menu	Weight(g)	Press Times	Display
A-1 (Auto Reheat)	150	Once	
	250	Twice	
	350	Thrice	
	400	4 times	
A-2 Vegetable	150	Once	
	350	Twice	
	500	Thrice	
A-3 Fish	150	Once	
	250	Twice	
	350	Thrice	
	400	4 times	
	450	5 times	
A-4 Meat	150	Once	
	300	Twice	
	450	Thrice	
	600	4 times	
A-5 Pasta	50	Once	
	100	Twice	
	150	Thrice	
A-6 Potato	1	Once	
	2	Twice	
	3	Thrice	
A-7 Pizza	1	Once	
	2	Twice	
	3	Thrice	
A-8 Soup	500	Once	
	750	Twice	
	1000	Thrice	
A-9 Porridge	550	Once	
	1100	Twice	

Example: to cook vegetable of 350g:

(1) Press pad "2";

(2) Press pad "2" twice;

8) Delay Start

Example: to start a cooking at 12:12.

(1) Set the cooking program wanted;

(2) Press " **Clock/Pre-Set** " to display the current clock. The hour figures flash:

(3) Press "1", "2", '1", '2";

(4) Press " **Start/Speed Cook** " to confirm the setting. The unit will turn back to the clock state.

(5) Cooks begin when the time arrives.

Note: (1) If the setting is not within the range 0:00–23:59, the setting will be invalid;

(2) In the process of setting, if "STOP" is pressed or there is no operation within 1 minute, the unit will go back to the previous state automatically;

(3) The clock must be set before the delay start cooking. If the pre-set cooking has not been programmed and only time to start cooking is set, the whole set will be regarded as an alarm clock setting and 5 "beep" will be sound when the pre-set time is reached.

9) Inquiring Function

(1) In one stage cooking state, press " **Power Level** ", the current microwave power will be displayed for 3 seconds. After three seconds, the oven will turn back to the former state;

(2) In pre-set state, press " **Clock/Pre-Set** " to inquire the time for delay start cooking. The pre-set time will be flashing in the LCD for 2-3 seconds, then the oven will turn back to the clock display.

10). Fan Pro-longed Protection Function

If the cooking time is equal to or above 5 minutes, when the cooking ends, the microwave operation will be stopped automatically, while the fan will be still working for 15 seconds.

11). Lock-out Function for Children

Lock: In waiting state, press " **STOP** " for 3 seconds, there will be a long "beep" denoting entering into the children-lock state and LCD will display " ".

Lock quitting: In locked state, press " **STOP** " for 3 seconds, there will be a long "beep" denoting that the lock is released.

12). Automatic Going Out Function

When the door is kept open, the oven light will be on and will go out automatically without any operation for 10 minutes.

13). Cooking End Reminding Function

When cooking ends, there will be 5 "beep" which is reminding the completion of cooking.

14). Display Specification

(1) In waiting state, LCD will display clock and " **:** " will flash.

(2) In function setting state, LCD will display the related setting.

(3) In the operation and suspending state, LCD will display the residual cooking time.

(4) In the operation or suspending state or when the door is open, the flashing "Micro" indicator will be lighted and the restarting indicator will be flashing.

Trouble shooting

Normal	
Microwave oven interfering TV reception	Radio and TV reception may be interfered when microwave oven is operation. It is similar to the interference of small electrical appliances , like mixer , vacuum cleaner,and electric fan. It is normal.
Dim oven light	In low power microwave cooking , oven light may become dim . It is normal.
Steam accumulating on door, hot air out of vents	In cooking , seam may come out of food . Most will come out from vents . But some may accumulate on cool place like oven door . It is normal.
Oven started accidentally with no food in .	It does no damage to oven if it operates empty for quite short time . But it should be avoided.

Trouble	Possible Cause	Remedy
Oven can not be started.	(1) Power cord not plugged in tightly.	Unplug. Then plug again after 10 seconds.
	(2) Fuse blowing or circuit breaker works.	Replace fuse or reset circuit breaker (repaired by professional personnel of our company)
	(3) Trouble with outlet.	Test outlet with other electrical appliances.
Oven does not heat.	(4) Door not closed well.	Close door well.
Glass turntable makes noise when microwave oven operates	(5) Dirty roller rest and oven bottom.	Refer to "Maintenance of Microwave" to clean dirty parts.

This appliance conforms with the CE directives for radio interference suppression and low-voltage safety and has been built to meet current safety requirements.
Subject to technical changes without prior notice.

NOTE

1. Before commissioning this oven please read this instruction manual and keep it carefully.
2. There must be more than 30cm high space necessary above the top surface of oven.
3. Do not repair the oven yourself, please consult an authorized expert.
4. The contents of feeding bottles and baby food jars are to be stirred or shaken and the temperature is to be checked before consumption, in order to avoid burns.
5. Check the oven and the cable regularly for damage. If there is any kind of damage, the oven should not be used.

Warning:1. It is hazardous for anyone other than a trained person to carry out any service or repair operation,which involves the removal of any cover which gives protection against exposure to microwave energy;

2.Only allow children to use the oven without supervision when adequate instructions have been given so that the children is able to use the oven in a safe way and understands the hazards of improper use.

3.If the supply cord is damaged ,it must be replaced by the manufacture or its service agent or a similarly qualified person in order to avoid a hazard.

Do not attempt to operate this oven with the door open since open-door operation can result in harmfulexposure to microwave energy. It is important not to defeat or tamper with the safety interlocks.

Carefully clean door seala and sealing surfaces

Do not operate the oven if it is damaged. It is particularly important that the oven door close properly and that there is no damage to the :(1)door(bent), (2)hinges and latches(broken or loosened), (3) door seals and sealing surfaces.

Utensils should be checked to ensure that they are suitable for use in microwave ovens.

When heating food in plastic or paper containers, check the oven frequently due to the possibility of ignition.

Microwave heating of beverages can result in delayed eruptive boiling, therefore care has to be taken when handling the container.

If smoke is observed, switch off or unplug the appliance and keep the door closed in order to stifle any flames.

Eggs in their shell and whole hard-boiled eggs shall not be heated in microwave ovens since they may explode.

If the door or door seals are damaged ,the oven must not be operated until it has been repaired by a trained person.

Liquids or other foods must not be heated in sealed containers since they are liable to explode.